



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>7</sup> : <b>H04J 3/22</b>	<b>A1</b>	(11) International Publication Number: <b>WO 00/57587</b> (43) International Publication Date: 28 September 2000 (28.09.00)
<p>(21) International Application Number: PCT/US00/07359</p> <p>(22) International Filing Date: 20 March 2000 (20.03.00)</p> <p>(30) Priority Data: 09/272,807 19 March 1999 (19.03.99) US</p> <p>(71) Applicant (for all designated States except US): FILANET CORPORATION [US/US]; 1923 Landings Drive, Mountain View, CA 94043 (US).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): BEN-DOR, Avner [US/US]; 600 Manzanita Way, Woodside, CA 94062 (US). GOODWIN, James [US/US]; 2415 Alvarado Drive, Santa Clara, CA 95051 (US). MEZA, Joseph [US/US]; 695 Prada Drive, Milpitas, CA 95035 (US). YOUNG, Mark, S. [US/US]; 2343 Perich Court, Mountain View, CA 94040 (US). ZALATIMO, David [US/US]; 610 Gilbert Avenue, #10, Menlo Park, CA 94025 (US).</p> <p>(74) Agents: MILLIKEN, Darren, J. et al.; Blakely, Sokoloff, Taylor &amp; Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).</p>	<p>(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report.</p>	

(54) Title: TUNNELING BETWEEN A BUS AND A NETWORK

## (57) Abstract

A system is described having a network (201), a bus (202/203) and an interface (205/206) coupling the network to the bus. A host (204) is coupled to the network and executes software to generate packets for communication on the network. A bus device (202n/203n) is coupled to the bus. The interface and host coordinate to transport bus device packets between the host and the bus device via tunneling over the network.

